

Solubility of Sulfur-Containing Resins in Oils, by
A. V. Avdejeva, N. P. Pitelina.

RUSSIAN, per, Khim Prom, No 19-41, 1947, pp 51-53.

ATS RJ-144

Sci - Chem
Apr 60

114,517

The Electrical Conductivity of Organic Heat Transfer
Media of High Boiling Point, by V. V. Kershentsev,
M. B. Vargafik, 7 pp.

RUSSIAN, per, Khim Prom, No 3, 1950, pp 82-88.

AKRE Lib Tr 609

Sci - Phys

May 59

86,162

Sokol'skii, A.V.
MOYENS POUR RÉDUIRE LE DANGER DES GAZ DE
NITROSE REJETÉS PAR LES USINES D'ACIDE
SULFURIQUE (Means for Reducing the Danger of
Nitrous Gases from Sulfuric-Acid Factories). 12p.
2 refs. CNRS-VI 186.
Order from OTS, ETC or CNRS \$0.80 TT-62-28425

Trans. in French of Khimicheskaya Promyshlennost'
SSSR, 1954, no.2, p.26-28.

DESCRIPTORS: Sulfuric acid, Production, Waste gases.
*Nitrogen compounds, *Oxides, Absorption.

(Engineering--Chemical, TT, v. 11, no. 6)

TT-62-28425

- I. Sokol'skii, A.V.
- II. CNRS-VI 186
- III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

(FDD 21879)

Abstracts From "Chemical Industry,"

RUSSIAN, per, Khim Prom, No 3, Moscow, Apr/May 1954.

**CIA/ Cards 163-187*

Available in BS

USSR

Sci - Chemistry, chemical industry

(Blumenthal)

Krapukhin, B.A.
UTILISATION DE LA CHALEUR LORS DE LA PRO-
DUCTION DE L'ACIDE SULFURIQUE (Conservation
of Heat in Sulfuric Acid Manufacture). 13p. 2refs.
CNRS-VI 185.
Order from OTS, ETC or CNRS \$0.80 TT-62-28055

Trans. in French of Khimicheskaya Promyshlennost'
(USSR) 1954, no. 3, p. 135-139.

Descriptors: *Sulfuric acid, Production, *Heat ex-
changers, Air, *Heaters, Pyrites, Combustion.

(Engineering--Chemical, TT, v. 11, no. 6)

TT-62-28055

I. Krapukhin, B.A.
II. CNRS-VI 185
III. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

(FDD 22174)

Abstracts of the Periodical "Chemical Industry",

RUSSIAN, mo, bimo per, Khim Prom, Moscow, Jun 1954,
No 4, pp 1-63.

**CIA/ Cards 188-206*

Available in BS

USSR

Sci - Chemistry

(Blumenthal)

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300830054-5

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300830054-5

Borisov, V. M.
EFFECT OF ALKALI AND SODA ON THE FLOTA-
TION PROPERTIES OF NON-SULFIDE MINERALS.
[1963] 11p. (figs. omitted) 9 refs.
Order from OTS or SLA \$1.60

63-16259

Trans. of Khimicheskaya Promyshlennost' (USSR)
1954, no. 4, p. 213-216.

DESCRIPTORS: *Minerals, *Flotation (Separation),
Reagents, Sodium compounds, Carbonates, Salts,
Surface properties, Hydrogen ion concentration.

(Earth Sciences--Mineralogy, TT, v. 10, no. 8)

63-16259

I. Borisov, V. M.

Office of Technical Services

Results of Disseminating Experience Among Tire
Enterprises, by N. V. Delektorskiy

RUSSIAN, per, Khim Prom, Jul/Aug 1954, pp 52-54.

AF669586(D243391)
CIA/FDD/Sec 522

USSR
Economic
May 55 CTS

23,540

(FDD 24775)

Sergy Vasil'yevich Lebedev and the Establishment of the
Synthetic Rubber Industry in the USSR, by K. B.
Piotorvskiy, P. I. Zakharchenko, 15 pp.

RUSSIAN, irreg publ, Khim Prom, No 5, Moscow, Jul/Aug
1954, pp 257-261.

CIA/FDD/U-7120

26,548

USSR

Sci - Chemistry, synthetic rubber

Jul 55

Borisov, V. M.
METHOD OF THE PHYSICO-CHEMICAL EVALUA-
TION OF THE REAGENT INTERACTION WITH THE
MINERAL GRAIN SURFACES DURING FLOTATION.
[1963] 9p. (figs. omitted) 10 refs.
Order from OTS or SLA \$1.10

63-16258

Trans. of Khimicheskaya Promyshlennost' (USSR)
1954, no. 6, p. 336-338.

DESCRIPTORS: Flotation (Separation), *Grain struc-
tures (Metallurgy), *Minerals, *Reagents, Chemical
analysis, Surfaces, Fertilizers.

(Chemistry--Physical, TT, v. 10, no. 6)

63-16258

I. Borisov, V. M.

Office of Technical Services

Automobile Tire Tubes From Synthetic Rubbers, by
Z. Ye. Buzun, 9 pp.

RUSSIAN, per, Khim Prom, No 7, 1954, pp 412-415.
Encl to IR-358-55, AFOIN-IAI, Jun 1955.
CIA D-243318

AF 669589

28, 007

USSR
Economic -

Corrosion of Steels by Hot Alkaline Solutions
Under Pressure, by K. L. Tseitlin, 7 pp.

RUSSIAN, per, Khim Prom, No 7, 1954, pp 438-440.

AEC Tr 3302

Sci - Chem

Sep 58

73, 781

Friction and Heat Exchange in a Turbulent Flow,
USSR by G. P. Piterikhi, 15 pp.

RUSSIAN, per, Enin Press, No 8, 1954, pp 480-485.

Morris D. Friedman *P-131*
\$7.50

Sci - Physics
Mar 59

84,391

Industrial-Branch Conference of the Workers in Superphosphate and Sulfuric Acid Industry; An Appeal of the Members of the All-Union Industrial Branch Conference of the Workers in the Superphosphate and Sulfuric Acid Industry to all Workers in the Industry of Phosphorous Fertilizers and Sulfuric Acid, 6 pp.

RUSSIAN, per, Khim. Prom, No 8, 1954, pp 497-498; 449-451; Encl to IR-1022-55, AFOIN-IAI, 15 Aug 1955. CIA D-311962.

USSR
Economic -

28, 300

AF 686868

Nov 55 CTS

(DC-1747)

Acetylene Generator GVR-1.2SM, 3 pp. UNCLASSIFIED

RUSSIAN, no per, Khim Prom, No 8, Moscow, Dec 1954,
pp 502, 503.

US JPRS/DC-L-261

Sci - Chemistry

63,425

R
Influence of the Ingredients of Rubber on Its
Static Friction in Sliding, by E. B. Ratner,
V. D. Sokol'skiy, 34 pp.

^{Skaya}
RUSSIAN, no per, Khim Prom, No 1, 1955, pp 27-34.

Sci Tr Center RI 3525

Scientific - Chemistry 36,177

Influence of Increased Hygroscopicity of Viscoso
Cord Upon the Properties of Motor Type Covers, by
R. Usina.

RUSSIAN, per, Khim Promyshlennost, No 1, 1955,
pp 34-39.

UKEM GB 57 Eo 497

58,534

Sci - Chemistry
Feb 58

S-2945

Computations of Plate-Column Apparatus, by A. N.
Planovskiy, A. C. Kasatkin.

RUSSIAN, per, Khim ~~Press~~ Prom, 1955, pp 152-156.

14/11/57

(DC-1102)

A Rise in the Productivity and the Automatization of
the Operations of an Acetylene Filling Station, by
A. N. Shashkov, I. I. Strizhivskiy, V. F. Ol'kovskiy,
N. N. Matveyev, 14 pp. UNCLASSIFIED

RUSSIAN, eight-x-yr per, Khim Prom, No 4, Moscow,
Jun 1955, pp 222-227.

US JPRS/DC-L-229

Sci - Chemistry

63,437

Improvement of the Operation of a Nephelite
Coagulant Plant, by N. K. Sarakuz.
RUSSIAN, per, Khimicheskaya Promyshlennost,
1955, pp 361-363.
NTC 69-10938-07A

Sci-Chem
May 69

382,509

(FDD 26491)

Development of the Chemical Industry in Rumania,
by M. Floresku, 37 pp.

RUSSIAN, bino per, Khim Prom, No 5, Moscow,
Jul/Aug 1955, pp 46-56.

CIA/FDI/U-7781

EEur - Rumania

Econ - Chemical industry

31,836

Hydrocarbons of the Diarylmethane Series as High
Temperature Heat Carriers, 4 pp.

RUSSIAN, per, Khim Prom, No 7, 1955, pp 42, 43,
Encl To IR-1306-57, AFOIN-1A1.

AID/Mar 57

Sci - Chemistry

50, 834

Aug 57

Industrial Method for the Production of Heavy
Nitrogen Isotope Concentrates, by S. I. Babkov,
N. M. Zhavoronkov.

RUSSIAN, no per, Khim Prom, No 7, 1955, pp 388-392.

Assoc Tech Sv
RJ-395

Sci - Chemistry

36,946
\$12.75

Aug 1956

Origin of Strain in the Formation of Varnish
(Lacquer) Films, by V. A. Kargin et al.

RUSSIAN, per, Khim Prom, No 7, 1955,
pp 392-397.

Co-Op Trans Sch Tr 327
\$2.85.

Sci - Chemistry
Apr 57 CTS/dex

47,208

**Urgent Problems in the Production of Chemicals
for Plant Protection, by M. I. Rokhlin**

RUSSIAN, ~~see~~ per, Khim. Prom. No 8, Dec 1955,
pp 1-5. CIA 9006531

USDA

RT-4630

40,110

Sci - Biology

USSR

Economic - Agriculture

Oct 56 CTS

Amelin, A. G., Baranova, A. I. and Vasil'ev, B. T.
FABRICATION D'ACIDE SULFURIQUE PAR LE PRO-
CEDE DE CATALYSE HUMIDE (Sulfuric Acid Produc-
tion by the Wet-Catalyst Method). 15p. 16 refs.
Order from OTS, ETC or CNRS \$0.80 62-26996

Trans. in French of Khimicheskaya Promyshlennost'
(USSR) 1955 [no. 8] p. 453-457.

DESCRIPTORS: Sulfuric acid, Production, Hydrogen
compounds, Sulfides, Combustion, Air, Catalysis,
Water vapor.

(Engineering--Chemical, TT, v. 10, no. 8)

62-26996

I. Amelin, A. G.
II. Baranova, A. I.
III. Vasil'ev, B. T.
IV. Centre National de la
Recherche Scientifique,
Paris (France)

Office of Technical Services

Butadiene From n-Butane and n-Butylenes, by O. D.
Litvin, K. L. Fridshteyn, 27 pp.

RUSSIAN, no per, Khimicheskaya Promyshlennost',
No 8, 1955, pp 38, 486 - 46 (194), Encl to IR 1913-56,
AFON-1A1

AF 1071260

Sci - Chemistry
Feb 1957 CTS

44,067

The Production of Dicalcium Phosphate and Ammonium Nitrate by the Nitric Acid Decomposition of Phosphates, by F. G. Margolis et al.

RUSSIAN, per, Khim Prom, ~~Vol. 1~~, No 1, pp 26-31.

ATS RI-1705 1956

Sci - Chem

Jul 59

90,869

Chromatographic Methods for Thorough Purification of
Zinc and Cadmium Salts for the Preparation of
Luminophors, by A. M. Gurvich, T. E. Gapon, M.
Rabinovich, 7 pp.

RUSSIAN, per, Khim Prom, No 1, pp 31-34, 1956.

Assoc. Tech Serv 99J15R

Sci + Chem

Aug 58

70,497

Inorganic Polymers, by A. A. Berlin, V. P.
Parini.

RUSSIAN, per, Khim Prom, Vol I, No 1,
1956, pp 44-51.

GB/55/616

Sci
Dec 62

Bereskow, G. K. and Slynko, M. G.
CATALYTIC PURIFICATION OF GASES FROM
OXYGEN. [1963] 6p (figs omitted)
Order from OTS, SLA, or ETC \$1.10 TT-63-20383

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1956, no. 2, p. 69-77. (Abstract available)

DESCRIPTORS: Gases, *Purification, *Oxygen,
*Hydrogenation, *Catalysis, *Nickel catalysts,
*Palladium catalysts, *Platinum catalysts, Reaction
kinetics, *Towers (Chemistry), Design.

The article contains a review of catalysts, kinetic
mechanism, methods of calculation of contact-
apparatus, and technological schemes of processing
for removal of oxygen from gases by catalytic
hydrogenation. (Author)

(Engineering--Chemical, TT, v. 11, no. 3)

TT-63-20383

I. Bereskow, G. K.
II. Slynko, M. G.

Office of Technical Services

Study of Natural Rubber Vulcanization by the
Tagged Atom Method, by G. A. Blokh. UNCL

RUSSIAN, per, Khim Prom, No 2, 1956, pp 78-89.

Co-op Tr Scheme 369

Sci - Chem
Sep 59

95, 851

Method of Calculation of the Movement of Free-
Flowing Materials in Rotary Kilns, Particularly
Soda Kilns, by N. M. Boguslevskiy.

RUSSIAN, per, Khim Prom, No 2, 1956, pp 89-97.

DSIR LLJ RTS 1504
SLA 60 -23630

Sci - Engr

Aug 60

122,532

15 359

Fr-1

DILMAN V. V., DAROVSKIKH E. P., et al.

Hydraulic drag of grid-type and hole-type trays

Résistance hydraulique des plateaux à grilles et à trous

Khim. Prom., 1, No. 3, 28-33 (1956)

R. 1187 - (See TP 427 - "TB", 1, 3) - French

E u r a t o m

The Hydraulic Resistance of Grid and Perforated
Trays, by V. V. Sil'man, E. P. Darovskikh,
and others, 11 pp.

RUSSIAN, per, Khim Prom (USSR) No 3, 1956, pp 156-
161.

ATS R.I.-1960
Assoc Tech Serv
34826R

Sci - Chem
May 59
OBS, V I, No 6

86,326

Determining and Selecting Processes for the Preparation
of Urea-Formaldehyde Resins, by A. A. Blagonravova,
Z. M. Meshcheryakova, G. A. Levkovich, M. V. Kazantseva,
4 pp.

RUSSIAN, no per, Khim Prom, No 5, 1956, pp 280-283,
Encl to IR-1162-57, 12 Feb 1957, AFOIN-1A1.

AF 1076915

Sci - Chemistry

45, 499

Mar 57

61-23252

Ushatinski, N. A., Golub, S. I., and Bukhshtein, V. M.
PREVENTING THE FORMATION OF DEPOSITS IN
THE EVAPORATION OF SODIUM SULPHATE SOLU-
TIONS. [1961] [13]p. 3 refs. [DSIR LLU] M. 2833.
Order from OTS or SLA \$1.60 61-23252

I. Ushatinski, N. A.
II. Golub, S. I.
III. Bukhshtein, V. M.
IV. DSIR LLU M. 2833

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1956, no. 6, p. 324R.

DESCRIPTORS: *Sodium compounds, *Sulfates, Solu-
tions, Evaporation, *Deposits, Countermeasures.

176648

As a result of experimental studies the design of a
double-effect evaporation system was worked out and
recommended for use in sulphate factories; the system
was made up of forced-circulation evaporators (without
salt separators) operating continuously with by-pass of
solution together with crystals from effect to effect,
and output of finished product in the form of a slurry
from the last effect to a centrifuge. The feed to the
system, consisting of mother liquor from the dissolv-
(Chemistry--Physical, TT, v. 6, no. 6) (over)

Office of Technical Services

An Investigation of the Effect of Softeners
on the Action of Fillers in Rubber Compounds,
by A. E. Segalevich, 12 pp.

RUSSIAN, no per, Khim. Prom. No 6, 1956,
pp 333-338, Encl to IR 1255-57, A/PDIN-1A1.

AF 1083488

Sci - Chemistry
Apr 1957 CTS/lex

46, 819

6-28-57 10:30 AM 430

Hydrocyclones, Their Construction and Design, by
S. Z. Kagan.

RUSSIAN, per, Khim Prom, No 6, 1956, pp 347-358.
(Abridged Translation).

DSIR LLU M. 1421

Sci

SLA 60-23030

Det 61

The Question of Utilization of Polymer Materials on
the Basis of P. V. C. for Production of Means for
Individual Protection From Radioactive Radiation
by M. N. Shteding, et al.

RUSSIAN, per, Khim Prom, No 7, 1956, pp 408-412.

Co-op Tr Sch Tr 427

Sci - Chemistry
Mar 58

59,342

S-2945

The Theoretical Plate and Transfer Units, by V. N. Stabnikov.

RUSSIAN, per, Khim Prom, No 7, Oct/Nov 1955,
pp 423-425.

14/11/57

Production of Sulphuric Acid by the Wet
Contact Process, by A. G. Amelin.

RUSSIAN, per, Khim Prom, No 8, 1955,¹
~~GD 114 No 112, pp 453-457.~~

ASLIB - GB 114 No 112

Sci

Aug 58

69, 779

63-16213

1. Title: Leaching
1. Legenchenko, I. A.

Legenchenko, I. A.
ON THE QUESTION OF BRINE EXTRACTION BY
MEANS OF DIRECT-FLOW-COUNTERFLOW WELLS
(BORES). [1963] 14p. (figs. tables omitted) 1 ref.
Order from OTS or SLA \$1.60 63-16213

Trans. of [Khimicheskaya Promyshlennost'] (USSR)
1956 [no. 8] p. 469-474.

DESCRIPTORS: *Rock salt, Boreholes, Water, Fluid
flow, Solvent action, Solids, *Mining engineering

(Engineering--Chemical, TT, v. 10, no. 11)

Office of Technical Services

8-2945

The Hydraulic Resistance of Latticework and Perforated Plates, by V. V. Dil'man, E. P. Darovskikh, M. E. Aerov, L. S. Aksel'rod.

RUSSIAN, per, Khim Prom, 1956, pp 1956-1961.

14/11/57

Consultants Bureau
to begin Jan 1957

\$ 95.00

Rhim Prom

New Method for the Improvement of Apatite
Production by F. N. Belash, N. S. Ul'yanov,
6 pp.

RUSSIAN, per, Khim Prom, No 1, 1957, pp 13-15.

SLA 60-17710

Sci

129,413

OTS, Vol IV, No 3

Sep 60

Reaction of Aromatic Sulfonic Acids With Aqueous
Solutions of Alkalies Under Pressure, by N. N.
Vorozhtsov, Jr, 8 pp.

RUSSIAN, per, Khim Prom, No 1, 1957, pp 15-19.

ATS B9M41R
ATS/RJ-2596

Sci - Chem

Oct 60

129,773

Modern Automatic Magnetic Methods of Oxygen
Analysis, by H. K. Yanzhak.

RUSSIAN, per, Khim Prom, No 2, 1957, pp 31-38.

ATS RJ-1209

Sci - Chem
Apr 60

114,520

Mechanical Means of Production of New Types of
Polymers, by V. A. Kargin, B. M. Kovarskiy,
6 p.

RUSSIAN, Eng, High Press. 1959, No 2, pp 77-79.

CCT-510TF

62-15356

Sci

Jan 60

Vcl 2, No 8

105,463

61-19607

Kafarov, V. V. and Podoima, V. D.
APPRECIATION DE L'EFFICACITE DES MELAN-
GEURS MECANQUES POUR LES PROCESSUS DE
DISSOLUTION, tr. by Budzik. 7 Nov 60 [24]p. 10 refs.
CEA Trans. no. R 1054 (text in French).
Order from OTS or SLA \$2.60

61-19607

Trans. in French of Khim[icheskaya] Promyshl[ennost']
(USSR) 1957, no. 2, p. 86-91.

DESCRIPTORS: *Stirrers, *Mixtures, Particles,
Solubility, Effectiveness

- I. Kafarov, V. V.
- II. Podoima, V. D.
- III. CEA-tr-R1054
- IV. Commissariat a l'Energie
Atomique (France)

Office of Technical Services

(Engineering--Chemical, TT, v. 6, no. 7)

The Production of Gas for the Manufacture of
Synthetic Ammonia, by A. G. Lobachev.

RUSSIAN, per, Khim Prom, No 2, 1957, pp 108-116.

ATS RJ-1284

Sci - Chem
Apr 60

114,563

The Hydraulic Resistance and Thickness of the
Film in Reverse Flow of a Liquid Under the
Action of a Gas in Vertical Tubes, by B. F.
Konobeyev.

RUSSIAN, per, Khim Prom, No 3, 1957,
pp 38-41.

OTS 67-1513
NLL M.4283

Sci - Fuels

193,904

Apr 62

Intensification of the Process for the Production
of Copper Sulphate, by B. D. Stepin.

RUSSIAN, per, Khim Prom, No 3, 1957, pp 47-48.

NLL M 8877

Sci - Phys
Mar 63

~~224, 284~~
224, 284

Automation in the Production of Sulphuric Acid,
by L. I. Markov. UESL

RUSSIAN, per, Khim Prom, No 3, 1957,
pp 129-132.

DSIR LLU RTS 1046

10s. Od.

Sci - Chem
Nov 59

100,771

Conditions for Intensifying the Process of
Styrol Polymerization to Obtain Simultaneously
Polymers of Predetermined Properties, by S. M.
Arbitman, *et al.* UNCL

RUSSIAN, per, Khim Prom, No 4, 1957, pp 193-200.

Co-op Tr Scheme 550

Sci - Chem
Mar 59

82,043

Epoxy Lacquer Resins, by M. F. Sorokin, 22 pp.

RUSSIAN, per, Khim Prom, No 5, Jul-Aug 1957,
pp 54-61.

ATIC MOL F-TB-9851/III

Sci
Jun 61

152,279

Hydrocyclones, Their Construction and Design,
by S. Z. Kagan.

RUSSIAN, per, Krim Prom No 6, 1956, pp 27-38.

NCB A 1569

Sci

Jan 63

Butyrous Rubbers and Their Technical Properties, by A. E.
Kalaus, et al. UNCL

RUSSIAN, per, Khim Prom, No 6, 1957, pp 333-342.

*DSIR/TCL 106

Sci - Chem
Mar 59

Properties of Piperylene Polymers. by I. A. Livshits,
S. I. Il'ina, V.N. Reikh. 11 pp.

RUSSIAN, per, Khia Pron. No 6, 1957, pp ~~22-25~~.

ATB 35J19R

ATS RJ-1075

342-346

Sci

Jul 59

92,680

Development of the Chlorine and Chlorine
Products Industry in the USSR, by
V. G. Fleishman. UNCL

RUSSIAN, per, Khim Prom, No 7, 1957,
pp 27-32.

DEIR LIU HFS 1058

15a. Od.

Sci - Chem
Aug 59

94, 834

(Chemical Means of Plant Protection, by N. R.
Mel'nikov, M. Rokhlin, 12 pp).

RUSSIAN, per, Khim Prom, No 7, Moscow, Oct/Nov
1957, pp 417-421.

US JPRE/DC-L-974

Sci - Chemistry

75, 766

Specification for the Model of a Vertical
Chlorine Cell Incorporating a Filter Dia-
phragm, by E. V. Mulin.

RUSSIAN, per, Khim Prom, No 7, 1957,
pp 602-604.

CSIRO

Sci - Engr
Oct 61

62-19001

Gukhman, B. S. and Matrosova, N. S.
A PORTABLE ELECTRIC, PGF TYPE GAS
ANALYZER FOR DETERMINING COMBUSTIBLE
GASES AND VAPORS IN AIR [Perenosnyi Elektri-
cheskii Gazoanalizator Tipa dlya Opredeleniya
Goryuchikh Gazov i Parov v Vozdukh] tr. by Donald C.
Rich. 22 Jan 62 [14]p. AOMC Trans. nr 6-62.
Order from OTS or SLA \$1.60 62-19001

Trans. of Khimicheskaya Promyshlennost' (USSR) 1957
[no. 8] p. 489-493.

DESCRIPTORS: Portable, *Electrical equipment,
Design, *Gas analysis, Combustion, *Gases, *Vapors,
Galvanometers.

(Engineering--Chemical, TT, v. 9, no. 11)

- I. Gukhman, B. S.
- II. Matrosova, N. S.
- III. AOMC Trans-6-62
- IV. Army Ordnance Missile
Command, Redstone
Arsenal, Ala.

Office of Technical Services

The Recovery of Phosphate From Obolus
Sandstones by Flotation, by L. I. Stremovsky.

RUSSIAN, per, Khim Prom, 1958, pp 476-481.

4
MLL M. 8889

Sci - Phys

Aug 62

207,112

Oxidative Chlorination of Aliphatic
Hydrocarbons and the Oxidation of Hydrogen
Chloride, by Ya. P. Choyarov.

RUSSIAN, per, Khim Prom', No 2, 1958,
pp 16-20.

CSIRO

Sci - Chem
Jul 62

204,927

Tests on Producing Acetylene by Electrical Cracking
of Natural Methane in a Scaled-Up Unit, by E. N.
Kremln,

RUSSIAN, per, ~~Enin~~ Prom, No 2, 1958, pp 73-80.

AFB RJ-2219

Sci - Chem

May 60

115,471

62-10722

Choporov, Ya. P.
OXIDATIVE CHLORINATION OF ALIPHATIC HY-
DROCARBONS AND OXIDATION OF HYDROGEN
CHLORIDE (Oksislitelnoe Khlorirovanie Alifatichesk-
ikh Uglevodorodov i Okislenie Khloristogo Vodoroda).
[1961] 12p. 65 refs.
Order from OTS or SLA \$1.60 62-10722

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1958 [no. 2] p. 80-84.

DESCRIPTORS: *Hydrocarbons, Ethylenes, *Hydro-
chloric acid, Oxidation, *Chlorination, Bibliography.

The oxidative chlorination reaction of aliphatic hydro-
carbons is only possible at high temperatures where
the inhibiting effect of oxygen is removed and the
necessary rate of the bimolecular reaction is attained.
The high temperature itself causes a significant ox-
idation of the hydrocarbon to be chlorinated; this gives
(Chemistry--Organic, TT, v. 8, no. 7) (over)

I. Choporov, Ya. P.

Office of Technical Services

Mechanical Carry-Over of Liquid by Vapour in
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